**Results:**

Adaboost accuracy is 67.65 % on test-data

|  |  |
| --- | --- |
| **Weak Classifier** | **Accuray(%)** |
| Blue | 81 |
| Red | 73 |
| Green | 79 |

**Observation:**

We found that most of the images in the training set has blue at the top of the image for a 0 degree orientation of the image. Thus the blue classifier for each of the orientation has a dominant weight. For example if a red and green classifier of 180 degree orientation says that the image is 180 degrees and the blue classifier of 0 degree orientation says its a 0 degree oriented image the image is classified as 0. Thus adaboost is giving less accuray